Professor T. F. McIlwraith, *centre*, tries out an Iroquois pipe presented to mark his fortieth year of teaching and prior to a six-month leave-of-absence. On behalf of the Royal Ontario Museum's Department of Ethnology, of which he is Curator Emeritus, Professor E. S. Rogers, Associate Curator, also presented a Yoruba mask (see page 9). Other gifts were a painting, partly shown at left, entitled "Puckasaw" painted in the Huronia country by his colleague, Professor Norman Emerson, a photographic portrait, also an honorary life membership in the Royal Ontario Museum. Mrs. McIlwraith received yellow roses.

VELUT ARBOR ÆVO

STAFF

FEBRUARY 1964

bulletin

UNIVERSITY OF TORONTO

FEBRUARY EVENTS

1 SATURDAY

Theatre	"Look Back in Anger" by John Osborne, a Hart House Theatre Production directed by David Gardner. Jan. 24 to Feb. 1 inc. 8.30 p.m.
Lecture	Joint meeting of Royal Canadian Institute and Ontario Section of the American Society of Mechanical Engineers. "Canadian Developments in Nuclear Power". Dr. John L. Gray, President, Atomic Energy of Canada Limited, Ottawa. Convocation Hall. 8.15 p.m.
Athletics	Bowling Green University swimming meet. 2 p.m.

2 SUNDAY

Music	Ten Centuries Concert. Concert Hall, Edward Johnson Building. 8.55 p.m.
	Intervarsity Choral Festival. MacMillan Theatre, Edward Johnson Building. 9 p.m. No charge.

4 TUESDAY

Meeting	Academy of Medicine Stated Meeting. "Renal Transplantation". Prof. Hartwell Harrison, Peter Bent Brigham Hospital, Harvard University. Osler Hall. 8.30 p.m. Dinner at University Club. 6.30 p.m.
Colloquium	Department of Mathematics. "Optimum Classification Rules". M. S. Srivastava. Room 106, U.C. 4 p.m.
Lecture	Faculty of Forestry and School of Graduate Studies. "Storage of Pulpwood and the Importance of Wood Decay for Chemical Pulping". Dr. Erik Bjorkman, Royal College of Forestry, Stockholm. Room 161, Lash Miller Chemical Laboratories. 8 p.m.
Theatre	"Anything Goes", presented by the Victoria College Music Club. Hart House Theatre. Feb. 4 to 8 inc. 8.30 p.m.

5 WEDNESDAY

Lecture	Department of Romance Languages and Literatures "Semantics" Series. Prof. Stephen Ullmann. Room 106, U.C. 4.10 p.m.
Seminars	School of Business. "Business Outlook" seminar for 1964. Chairman of the sessions is J. Grant Glassco, Vice-President, Robert L. Simpson Company Limited. Registration takes place at Carr Hall, St. Michael's College, at 1.30 p.m. Cost is $20 per person, inclusive.
	Institute of Computer Science. "Scientific Computation without Numerical Analysis". Dr. J. M. Kennedy, Computing Centre, Atomic Energy of Canada Ltd., Chalk River. Room 101, McLennan Laboratory. 4 p.m.
	Department of Industrial Engineering. "An Engineer Looks at the Financial Aspects of Industrial Enterprise". Air Vice-Marshal J. A. Easton, General Manager, Canadian Enterprise Development Corp. Ltd., Montreal. Room T252, Mechanical Engineering Building. 2.30 p.m.

6 THURSDAY

Meeting	Toronto section, International Association for Dental Research. "Further Studies in Developing Enamel Proteins". Dr. R. C. Burgess. Room 311, Dental Building. 1 p.m.
Readings	Poetry by Ezra Pound read by James Nohrnberg, and by D. H. Lawrence read by Barbara Kershenblatt. Hart House Art Gallery. 1.15 p.m. Ladies welcome.
Lectures	Victoria College Public Lecture Series. "The Hebraic Spirit". Dr. E. G. Clarke. Alumni Hall. 4.30 p.m.
	Faculty of Music. "The Physical Aspects and Assistance in Composition". John Adaskin. Concert Hall, Edward Johnson Building. 3 p.m.
Music	Faculty of Music Special Events. The Lenox Quartet. Concert Hall, Edward Johnson Building. 8.30 p.m.
Debate	Hart House Debate. 8 p.m. Members only.

7 FRIDAY

Music	University Concert Series sponsored by the Canada Council. Jean-Claude Corbeil, bass. Concert Hall, Edward Johnson Building. 8.30 p.m. No charge.
Athletics	Hockey. McGill at Varsity. Varsity Arena. 8 p.m.

8 SATURDAY

Lecture	Royal Canadian Institute. "Health Problems of Emergent Africa". Dr. George Macdonald, Director, Ross Institute of Tropical Hygiene, London School of Hygiene and Tropical Medicine, England. Convocation Hall. 8.15 p.m.
Athletics	Basketball. McMaster at Varsity. 8.30 p.m. Swimming and Wrestling. Western at Varsity. 8 p.m. All at Hart House.

9 SUNDAY

Films	Royal Ontario Museum Sunday Films: The World of Children—"Dancing Hands" (Hambourg Art School); "Crin Blanc" (White Mane). Museum Theatre. 2 p.m.
Music	Hart House Sunday Evening Concert. Royal Canadian Opera School. Great Hall. 9 p.m. Tickets available at hall porter's desk.

10 MONDAY

Colloquium	Department of Mathematics. "Exact Treatment of Two Dimensional Order-disorder Problems". C. A. Hurst (Adelaide). Room 106, U.C. 4 p.m.
Music	Organ Recital by Dr. W. R. Ackerman. Convocation Hall. 5 p.m.
Meeting	The University of Toronto Employees Credit Union's Annual Dinner Meeting. Malloney's Galleries. 6.30 p.m.
Lectures	"The Architecture of Buckingham Palace". Mr. John Harris, Curator of Drawings, Royal Institute of British Architects, London. Room 103, School of Architecture. 8 p.m.

11 TUESDAY

Lectures	"Ancient Ghost Towns in the Desert of Southern Palestine". Prof. Philip Mayerson, New York University, in the Archaeological Institute of America series. Museum Theatre. 4.30 p.m.
	York University—The Frank Gerstein Lecture Series. Prof. Jaroslav Jan Pelikan, Professor of Ecclesiastical History, Yale University is the speaker. York Hall. 8.30 p.m. Limited number of tickets available. Telephone 487–5111, extension 215.
Theatre	"The Knight of the Burning Pestle" presented by Trinity College Dramatic Society. Feb. 11 to Feb. 15 inc. Hart House Theatre. 8.30 p.m.

12 WEDNESDAY

Seminar	Department of Industrial Engineering. "Computer Assisted Synthesis of Manufacturing Systems". Prof. Wayland P. Smith, Chairman, Department of Industrial Engineering, State University of New York at Buffalo. Room T252, Mechanical Building. 2.30 p.m.
Lectures	Department of Romance Languages and Literatures "Semantics" Series. Prof. Stephen Ullmann. Room 106, U.C. 4.10 p.m.
	York University Lecture Series. "Science, Culture, and Values". Prof. F. H. Knelman. York Hall. 8 p.m. For tickets telephone 487–5111, extension 263.

13 THURSDAY

Readings	Poetry by Lawrence Durrell read by Rose Friesner, and by Carl Sandburg read by Henry Tarvainen. Hart House Art Gallery. 1.15 p.m. Ladies welcome.

14 FRIDAY

Symposium	Symposium on Structure and Function of Heart Muscle under the auspices of the Ontario Heart Foundation and the Faculty of Medicine. Royal York Hotel. Feb. 14 and 15.
Meeting	Royal Astronomical Society of Canada, Toronto Centre. Telescope Making as a Hobby, with demonstrations by members of the Centre's Telescope Makers Group. Room 1035, Wallberg Building. 8 p.m.
Music	Faculty of Music. Johanna Myhal Recital. Concert Hall, Edward Johnson Building. 8.30 p.m. No charge.
Athletics	Hockey. McMaster at Varsity. Varsity Arena. 8 p.m.

15 SATURDAY

Lecture	Royal Canadian Institute. "Iceland Today". Jon Ragnar Johnson, Q.C., Honorary Consul of Iceland. Convocation Hall. 8.15 p.m.

16 SUNDAY

Open House	Faculty of Dentistry. Students, parents and friends of the dental profession, and particularly prospective students are invited. Students' demonstrations, guided tours and light refreshments. 1 to 5 p.m.

17 MONDAY

Colloquium	Department of Mathematics. "Geometric Inequalities". L. Fejes-Toth (Veszprem and Wisconsin). Room 106, U.C. 4 p.m.
Dinner	The Sir Robert Falconer Association (the association for united religious activities in the University of Toronto) third annual Fellowship Dinner. Guest speaker will be Dr. Jacob Agus, Rabbi of Beth El Congregation, Baltimore. Great Hall, Hart House. 6.45 p.m.
Meeting	Toronto Biochemical and Biophysical Society. The following papers will be presented: 1. "Sequestration, Blood Balance, and Haemodilution Perfusion" by C. E. Bayliss, H. H. Kwak and D. R. Wilson, Toronto Western Hospital; 2. "The Insect Liver (?)—Structure and Function" by W. E. Beckel; 3. "Studies of Iodine Metabolism in Hashimoto's Thyroiditis" by R. Volpé, V. D. Row, B. Webster, McA. W. Johnston and C. Ezrin, Toronto General Hospital; and 4. "Normal and Abnormal Low Molecular Weight Gamma Globulins" by M. H. Freedman and G. E. Connell. Room 13, Medical Building. 7 p.m.

18 TUESDAY

Colloquium	Department of Mathematics. "What the Bees Know and Don't Know". L. Fejes-Toth. Room 106, U.C. 4 p.m.
Lecture	York University—The Frank Gerstein Lecture Series. Canon Charles Moeller, Professor of Dogmatics and Literature, University of Louvain, Belgium, will be the speaker. York Hall. 8.30 p.m. For tickets telephone 487–5111, extension 226.
Theatre	"The Thurber Carnival"—All-Varsity Revue. Feb. 18 to 22 inc. Hart House Theatre. 8.30 p.m.
Music	Faculty of Music. Festival Singers. Concert Hall, Edward Johnson Building. 8.30 p.m.

19 WEDNESDAY

Seminars	Department of Industrial Engineering. "Random Number Generators". Prof. T. E. Hull. Room T252, Mechanical Building. 2.30 p.m.
	Institute of Computer Science. "Current Trends in Information Retrieval". Herbert R. Koller, U.S. Patent Office, Washington. Room 101, McLennan Laboratory. 4 p.m.
Lectures	Department of Romance Languages and Literatures "Semantics" Series. Prof. Stephen Ullmann. Room 106, U.C. 4.10 p.m.
	Royal Ontario Museum Spring Lecture Series on "Evolution of Apes and Men". Prof. Alfred Romer, Museum of Comparative Zoology, Harvard University. Museum Theatre. 8.30 p.m.

(Continued)

19 WEDNESDAY (Continued)

Music	Hart House Five O'clock Concert. Adrian Harmon, guitar. Music Room. No tickets necessary. Everyone welcome.
Athletics	Basketball. Waterloo at Varsity. Hart House. 8.30 p.m.

20 THURSDAY

Readings	Poetry by T. S. Eliot read by Shirley Alloway and Alan Toff. Hart House Art Gallery. 1.15 p.m. Ladies welcome.
Meeting	Toronto section, International Association for Dental Research. "Microangiography of the Rat Mandible". Dr. H. A. Hunter. Room 311, Dental Building. 1 p.m.
Music	Open Concert with John Beckwith and Mr. Evens. Concert Hall, Edward Johnson Building. 3 p.m. No charge.
Seminar	Department of Mechanical Engineering. "Thermal Fatigue and its Relation to Creep Rupture and Mechanical Fatigue". Dr. M. Ohnami, Ritsumeikan University, Kyoto, Japan. Room T252, Mechanical Building. 4 p.m.
Lecture	"Some Problems at Olympia". Dr. Vincent Scully, Professor of the History of Art, Yale University. Room 103, School of Architecture. 8 p.m.
Debate	Hart House Debate. Debates Room. 8 p.m.

21 FRIDAY

Music	University Concert Series sponsored by the Canada Council. Duo Pach, violinist and pianist. Concert Hall, Edward Johnson Building. 8.30 p.m. No charge.
Athletics	Hockey. Laval at Varsity. Varsity Arena. 8 p.m.

22 SATURDAY

Lecture	Royal Canadian Institute. "The Stress of Life". Dr. Hans Selye, University of Montreal. Convocation Hall. 8.15 p.m.
Athletics	Swimming. Detroit Tech at Varsity. Hart House. 2.30 p.m.

23 SUNDAY

Films	Royal Ontario Museum Sunday Films: This Changing World. "Northern Campus" (Yellowknife High School); "View from the Farm" (Africa). Museum Theatre. 2 p.m.
Open House	Hart House Visitors' Sunday. Members are invited to bring their families and friends. 3 to 5 p.m. Tea from 2 to 4 p.m. in the Great Hall.

24 MONDAY

Lecture	Trinity College. "Christian Archaeology in Asia Minor—The Last Ten Years". Dr. Michael E. R. Gough, Director, British Institute of Archaeology, Ankara, Turkey. Trinity College. 4.30 p.m.
Colloquium	Department of Mathematics. "General Linear Function in Certain Sequence Spaces". D. Bowein (St. Andrew's and Western). Room 106, U.C. 4 p.m.
Music	Organ Recital by Douglas Elliott. Convocation Hall. 5 p.m.

26 WEDNESDAY

Seminar	Department of Industrial Engineering. "Can Research and Development Be 'Managed'?" Prof. Lauren B. Hitchcock, State University of New York at Buffalo. Room T252, Mechanical Building. 2.30 p.m.
Lecture	Department of Romance Languages and Literatures "Semantics" Series. Prof. Stephen Ullmann. Room 106, U.C. 4.10 p.m.
Music	Hart House Five O'Clock Concert. Sigmund Steinberg, violinist. Music Room. No tickets necessary. Everyone welcome.

27 THURSDAY

Readings	Milton's *Lycidas* read by Ernest Sirluck and poems by John Wilmot read by Donald Smith. Hart House Art Gallery. 1.15 p.m. Ladies welcome.
Seminar	Department of Mechanical Engineering. "High Temperature Creep of Pressure Vessels". Dr. J. A. Choquet, Etole Polytechnique, Montreal. Room T252, Mechanical Building. 4 p.m.
Lecture	Department of History. "China's Contacts with Other Countries before the Christian Era" (Illustrated). L. Carrington Goodrich, Emeritus Professor of Chinese, Columbia University; Editor, Ming Biographical History Project. Room 2117, Sidney Smith Hall. 5 p.m.
Meeting	Second Stated Meeting of the Academy of Dentistry. "Essentials of Occlusion in Fixed Restorations". Dr. Donald Kepron. Dental Building Auditorium. 8.15 p.m.
Music	Faculty of Music. Pro Arte Orchestra. Concert Hall, Edward Johnson Building. 8.30 p.m.
Athletics	Hockey. Western at Varsity. Varsity Arena. 5.30 p.m.

28 FRIDAY

Theatre	"The Egg" by Felicien Marceau, a Hart House Theatre Production directed by Andrew Allan. Feb. 28 to March 7 inc. 8.30 p.m.
Faculty Club	Buffet Supper, preceded by social hour from 5 to 6 p.m.

29 SATURDAY

Lecture	"Modern Trends in Mathematics in Canadian Schools". Prof. W. B. Maclean, O.C.E. Convocation Hall. 8.15 p.m.
Athletics	Basketball. Queen's at Varsity. Hart House. 8.30 p.m. Intercollegiate Swimming Championships. Benson Building. 2 p.m.

Exhibitions

"Individualists and Eccentrics", Chinese paintings from the collection of Mr. and Mrs. R. W. Finlayson. Royal Ontario Museum, Far Eastern Galleries. Until March 1.

"Hidden World of Crystals", an exhibition of coloured microphotographs. Lower Rotunda, Royal Ontario Museum. Until Feb. 9.

Typographic art prepared by the Society of Typographic Designers of Canada. Until Feb. 7. Prints by Piranesi, an Italian architect and engraver (1720–1778). From Feb. 10 to 25. School of Architecture.

Paintings by Aba Bayefsky. Alumni Hall, Victoria College. Feb. 11 to March 10.

Sculpture by Leonard Oesterle. To Feb. 14. Camera Club annual exhibition of Prints. Feb. 15 to March 1. Hart House Art Gallery. 10 a.m. to 10 p.m. Ladies: 2 to 5 p.m.

"Canadiana Treasures: 25 Years". Canadiana Gallery.

SCHOOL OF HYGIENE

FIFTH FRED L. SOPER LECTURE IN INTERNATIONAL HEALTH and SEVENTH ANNUAL REFRESHER COURSE

The School of Hygiene will be host for the Fifth Fred L. Soper Lecture in International Health, to be given on Monday, Feb. 10, at 2 p.m. Speaker is Prof. George Macdonald, Director of the Ross Institute of Tropical Hygiene and Vice-Dean of the London School of Hygiene and Tropical Medicine, who will talk on "Eradication of Malaria".

The lectureship was established in 1959 to honour Dr. Soper on his retirement as director of the Pan American Sanitary Bureau and Regional Director for the Americas of the World Health Organization. Previous lectures have been given at Johns Hopkins University by Dr. Soper himself, the University of Sao Paulo, the University of Chile, and the School of Public Health in Mexico City. Dr. Soper will attend this fifth and final lecture in Toronto.

Following the lecture will be an informal reception and dinner, a joint meeting with the section of Preventive Medicine and Hygiene of the Toronto Academy of Medicine at the Westbury Hotel. Dr. Myron E. Wegman, Dean and Professor of Public Health, University of Michigan School of Public Health, will discuss the goals and methods for health services in different countries.

The School's Seventh Annual Refresher Course takes place from Feb. 10 to 14 inclusive. Topics in this year's course include: control and eradication of tuberculosis; control of infectious diseases; control of smallpox, control of venereal diseases; congenital abnormalities; population, family planning, and public health; and health administration. Special lecturers include Prof. George Macdonald; Dr. Myron E. Wegman; Dr. Mary S. Calderone, Medical Director of the Planned Parenthood Federation of America; and Dr. Ruth B. Freeman, Professor of Public Health Administration at Johns Hopkins University School of Hygiene and Public Health.

NOTES

Arts and Science

Prof. T. F. McIlwraith lectured on Jan. 14 on "Indians of Canada" in the Ontario College of Art lecture series on the Development of Canadian Culture.

Prof. Fred W. Voget, at the invitation of the Co-operating Committee for Guyanese (British Guiana) Development will organize a research and policy conference to deal with the future of the American Indian population in this state. The conference is sponsored by the sub-department of Behavioral Sciences of the Albany Medical College of Union University, Albany, N.Y. Committee membership includes two Canadians, Dr. Theo L. Hills of the Geography Department, McGill University, and Dr. J. R. Kidd of the Overseas Institute of Canada. The recent edition of the *Biennial Review of Anthropology* published by the Stanford University Press includes an article on cultural change by Prof. Voget. It summarizes current trends in the anthropological approach to culture change based on publications during the years 1960 to 1962.

Profs. Demarque, Hogg, van den Bergh and MacRae attended the Christmas meetings of the American Astronomical Society in Washington, D.C., Dec. 26–28. Three scientific papers from the David Dunlap Observatory were presented.

Prof. S. van den Bergh attended the International Symposium sponsored by The Southwest Center for Advanced Studies, The University of Texas and Yeshiva University on "Gravitational Collapse" and other topics in Relativistic Astrophysics in Dallas, Texas, Dec. 16–18.

Prof. M. Bersohn gave a talk at a meeting of the American Physical Society at California Institute of Technology on Dec. 21 on the subject of "Isotropic P^{31} Hyperfine Interactions in Molecules".

Behind this Yoruba Mask, from Nigeria, is Professor T. F. McIlwraith, Chairman of the Department of Anthropology. The surprise party was given by his students on January 16 in the Royal Ontario Museum's lower rotunda, which was crowded with students in the general and honour courses, graduates and colleagues.

Colloquia have been given in the Department of Chemistry by the following visitors: Prof. A. H. Beckett, Chelsea College of Science and Technology, London; Dr. Manfred Götz of Ayerst, McKenna and Harrison; Prof. S. K. Kim, Brown University; Prof. M. Saunders, Yale University;

Dr. A. E. R. Westman, Ontario Research Foundation; and also, sponsored by the School of Graduate Studies, by Prof. F. A. L. Anet, University of Ottawa, Prof. J. F. Bunnett, Brown University; Prof. R. J. Gillespie, McMaster University; Prof. H. I. Schiff, McGill University; and Dr. K. Wiesner of Ayerst, McKenna and Harrison.

Prof. J. C. Polanyi spoke at a Chemistry Seminar at McMaster University, Hamilton, on Nov. 27. His subject was "Infra-red Chemiluminescence, and Energy Distribution Among Reaction Products".

Prof. Keith Yates gave a seminar on "Recent Developments in Acidity Function Theory" at the University of Western Ontario on Dec. 4.

Prof. A. G. Brook attended a Chemistry Seminar at Queen's University, Kingston on Dec. 10 where he lectured on "The Stereochemistry of Asymmetric Organosilicon and Organogermanium Compounds".

Prof. G. F. Wright spoke at an Organic Chemistry Research Colloquium at the University of Western Ontario on "Electronic Polarization Studies for Determination of Molecular Conformation" on Jan. 9.

Prof. S. S. Danyluk was invited to give some of the lectures in connection with a Nuclear Magnetic Resonance Workshop under the auspices of the University of Illinois in Chicago during the week of Dec. 16.

Prof. E. A. Robinson visited the Department of Chemistry at Queen's University on Nov. 12 and gave a lecture entitled "The Use of *d*-orbitals in Bonds Between Silicon, Phosphorus, Sulphur, or Chlorine, and Oxygen or Fluorine".

Prof. Ian Burton spent his Christmas vacation in Calcutta as a Ford Foundation Consultant on Water Resources of the Calcutta Metropolitan Planning Organization.

Prof. J. D. Prentice is on leave of absence for the session 1963–64. He is working at the Rutherford High Energy Laboratory, National Institute for Research in Nuclear Science, Chilton, Didcot, Eng.

Profs. K. G. McNeill and R. M. Farquhar are on leave of absence for the spring term. Dr. McNeill has joined the Linear Accelerator Group, Atomic Energy Research Establishment, Harwell, Berks., England. Dr. Farquhar is working on lead isotope determinations in the Department of Geology and Mineralogy, Oxford.

Prof. H. G. Skilling spoke at the opening of the St. Vladimir Ukrainian Institute on Dec. 14. He attended a conference of the Inter-University Committee on Travel Grants at the University of Chicago as a representative of the University of Toronto on Nov. 16.

Dr. C. E. Atwood attended the annual meeting of the Entomological Society of America in St. Louis, Missouri on Nov. 25. With Mr. G. Knerer he presented a paper on "The Social Development of Five Species of Bees of the Family *Halictidae*".

Prof. D. H. Pimlott attended meetings of the Sixth Congress of The International Union of Game Biologists at Bournemouth, England from Oct. 7–12. He presented a paper entitled "Influence of Deer and Moose on Forest Vegetation in two Areas of the Boreal Forest Formation". Prof. Pimlott also participated in the European Meeting on Wildfowl Conservation at St. Andrew's, Scotland from Oct. 16–18.

At the annual meeting of the Modern Language Association of America, held in Chicago, Dec. 27–29, Prof. J. H. Parker acted as chairman of Spanish Group 2 (Golden Age Literature) and of the Research Committee of Spanish Group 3 (Comediantes); Prof. K. L. Levy was discussion leader of Conference 23 (Hispanic Area Studies); Prof. J. Gulsoy was discussion leader of Conference 14 (Provençal and Catalan Languages and Literatures); and Dr. J. A. Sinicropi read a paper on "Sercambi and Chaucer" to the Comparative Literature section.

Prof. H. I. Macdonald addressed the Ticker Club in Toronto, Jan. 15, on "An Economic Forecast for 1964".

Prof. A. Amsel spoke to the staff and graduate students at Syracuse University on Jan. 8 on "The Mechanisms of Persistence in Partial Reinforcement and Discrimination Learning".

Prof. E. Tulving gave a seminar on "Theory of Memory: Past, Present and Future" in the Department of Psychology, Oberlin College, Ohio, and a public lecture entitled "The Anatomy of a Learning Curve" on Dec. 12 and 13.

On Dec. 6 Prof. Oswald Hall presented a paper on "The Status of the Nursing Profession" to the Ontario Conference of Registered Nurses. On Dec. 12, in Newport, he presented a paper on "The Social Roots of the Personal Physician" to the Symposium on the Future of the Personal Physician.

Prof. S. G. Triantis addressed the Canadian Institute of International Affairs on "Canadian Immigration Policy—the External Factors" on Jan. 14.

Prof. H. C. Eastman presented a paper on "The Canadian Tariff and the Efficiency of the Canadian Economy" at the meetings of the American Economic Association held in Boston in December.

Prof. B. S. Keirstead visited the Barbados Branch of the Institute of Social and Economic Research, University of the West Indies, in January.

University College

Dr. C. W. Chilton delivered a paper entitled "The Inscription of Diogenes of Oenoanda" to the Ontario Classical Association at its autumn meeting.

Prof. C. J. Herington presented a paper entitled "The Influence of Old Comedy on Aeschylus' Later Trilogies" to the American Philological Association at its annual meeting in Pittsburgh, Dec. 28 to 30.

Prof. J. M. Rist read a paper entitled "Notes on De Anima III, 5" to the annual meeting of the Society for Ancient Greek Philosophy, also in Pittsburgh.

Victoria College

Principal Northrop Frye attended the Modern Language Association meeting in Chicago on Dec. 27–29, in the capacities of chairman of the nominating committee, president of the Milton Society and keynote speaker at the General English meeting. His topic for the latter was "Elementary Teaching and Elemental Scholarship".

At the Modern Language Association December meeting Prof. David Hoeniger gave a paper on "Opportunities for Research in Shakespearean Scholarship". He was elected chairman of the committee on research in renaissance drama.

Profs. D. O. Robson and W. E. McLeod attended meetings of the American Philological Association in Pittsburgh, Dec. 28–30.

Prof. P. T. Ricketts attended the Modern Language Association meeting in Chicago and read a paper to the Conference on Provençal and Catalan Linguistics and Literature.

Trinity College

In October last the Provost attended the meetings of the National Conference of Canadian Universities in Quebec.

The Reverend Eugene R. Fairweather delivered the Du Bose Lectures at the School of Theology, University of the South, Sewanee, Tennessee, last October. In November he delivered the Hale Lectures at Seabury-Western Theological Seminary, Evanston, Ill. Prof. Fairweather is on sabbatical leave and was awarded a Faculty Fellowship by the American Association of Theological Schools for research work in Europe. He left at the end of January and will spend several weeks in Rome, and later in England.

In November Prof. James A. Philip lectured on "The Beginnings of Philosophy" at the Graduate School of the University of Illinois.

Prof. G. M. A. Grube, as president of the Classical Association of Canada, visited universities in the Maritimes in early December. He lectured at the Universities of New Brunswick, Mount Allison, Dalhousie and St. Francis Xavier. He also addressed the Humanities Association of Fredericton.

Medicine

Several staff members will participate in the Symposium on Structure and Function of Heart Muscle to be held on Feb. 14 and 15 under the auspices of the Faculty and the Ontario Heart Foundation. Dr. Donald W. Clarke will chair the session on "Mechanism of Muscular Contraction"; Dr. J. F. Manery the one on "Metabolism and Myocardial Function", at which Dr. G. R. Williams will be a discussant on "Relation of Ultrastructure to Function" and Dr. John R. Evans on "Carbohydrate and Lipid Metabolism in Heart Muscle"; Dr. E. A. Sellers will chair the "Regulation of Cardiac Performance" session and Dr. Ramsay W. Gunton that on "Rhythmicity and Conduction in Heart Muscle"; Dr. K. W. G. Brown, as a panelist, will discuss "Electrical Reversion of Arrhythmias". Other participants are from the United States, England and Germany, and Canadian centres. Guest speaker at the Symposium dinner will be Isaac Harary, of the Department of Biophysics and Nuclear Medicine, University of California of Los Angeles School of Medicine, whose subject will be "Behaviour of Individual Heart Cells".

Prof. K. J. R. Wightman has been elected to the Council of the Royal College of Physicians of Canada.

At the annual scientific session of the American Heart Association on Oct. 20 in Los Angeles, Dr. E. D. Wigle presented "Simple and Effective Surgical Approach to Muscular Subaortic Stenosis". Co-authors

were Drs. A. S. Trimble, W. G. Bigelow and A. Chrysohou. Dr. Wigle also delivered a postgraduate lecture at Queen's University on "Muscular Subaortic Stenosis" on Sept. 19 and a similar talk at the Hamiltan Academy of Medicine on Nov. 1.

Dr. H. J. M. Barnett represented Canada as vice-president at the first Pan-American Congress of Neurology held in Lima, Peru Oct. 20–26. He delivered a paper in collaboration with Dr. A. T. Jousse entitled "Cervical Myelography as a Late Complication of Thoracic and Lumbar Paraplegia".

Dr. E. R. Yendt was visiting Professor of Medicine at the Union Memorial Hospital in Baltimore from Nov. 18 to 23. He addressed the medical staff of that hospital on "Studies in Hypophosphatemic Osteomalacia". Dr. Yendt participated as a visiting member of the Faculty in a postgraduate course on Renal and Urinary Tract Disease at the State University of New York at Buffalo, School of Medicine on Nov. 7.

Dr. J. Fraser Mustard attended the World Health Organization in Geneva from Nov. 30 to Dec. 7.

Dr. J. C. Laidlaw attended the International Symposium on Angiotensin, Sodium and Hypertension held in Montreal, Oct. 11–14.

"Physical Training in the Rehabilitation of Patients with Emphysema" was given to the Ontario Thoracic Society by Dr. C. R. Woolf on Nov. 1 and "Pulmonary Function Tests and Their Clinical Application" was presented by Dr. Woolf to the medical staff of the South Peel General Hospital in Cooksville on Dec. 4. Dr. Woolf also presented "Research in Chest Disease" to the Sudbury Tuberculosis Association on Nov. 15, and "The Treatment of Acute Respiratory Failure" at the Western New York Chest Conference in Lockport, New York, on Sept. 26.

At the annual scientific session of the Canadian Cardiovascular Society held in Toronto, Nov. 20–23 the following presentations were made: Susan C. M. Lenkei, Donald R. Wilson on "Changes in Red Cell and Serum Potassium During Extracorporeal Circulation"; M. Braudo, E. D. Wigle, J. D. Keith on "A Distinctive Electrocardiographic Pattern Due to Ventricular Septal Hypertrophy"; E. D. Wigle, A. Chrysohou, S. C. M. Lenkei on "The Effect of Peripheral Vasodilatation in Muscular Subaortic Stenosis"; G. A. Trusler, R. S. Fowler, W. T. Mustard on "Creation of an Atrial Septal Deflect by a Direct Approach for Transposition of the Great Vessels"; James A. Key on "The Iliac Vein as a Bowstring"; G. B. Peckham, J. D. Keith, J. R. Evans on "Some Observations on the Clinical Assessment of Congenital Aortic Stenosis"; R. J. Baird, Irving H. Lipton, J. A. Key, R. O. Heimbecker, W. G. Bigelow on "Progress and Trends in Aortic Valve Surgery"; J. R. Evans, E. Schonbaum, E. A. Sellers on "Effect of Hypothermia on Myocardial Metabolism of Glucose and Palmitate in the Isolated Rat Heart"; W. Sapirstein, J. Kohari, M. Bottomley on "Cardiac By-Pass Without Pulmonary By-Pass"; Langford Kidd, Vera Rose, George Collins, John Keith on "Ventricular Septal Defect in the First Year of Life: A Haemodynamic Study"; John D. Keith on "Mumps Antigen Skin Test in Endocardial Fibroelastosis".

The winners of the fifth series of Gairdner Foundation International Awards were presented at the Toronto General Hospital on Nov. 30 at a meeting chaired by Dean Hamilton. Dr. Murray L. Barr of London, Ontario presented "Some Thoughts on Sex Chromatin and Sex Chromosomes". Dr. E. G. L. Bywaters of London, England reviewed the natural history of rheumatoid arthritis. Dr. Jacques Genest of Montreal talked on the relation of renin, angiotensin and aldosterone in the pathogenesis of hypertension. Dr. Pierre Grabar of Paris, France, spoke on the actual development of immunology. Dr. C. W. Lillehei of Minneapolis reviewed the advances of cardiovascular surgery, and Dr. Irvine H. Page of Cleveland gave a historical outline of his researches in angiotensin and serotonin.

Dr. Charles G. Drake, Assistant Professor of Surgery in the University of Western Ontario, and Head of the Neurosurgical Division in the Royal Victoria Hospital, London, Ontario, will be visiting lecturer in the Department of Surgery for the week of Feb. 3–8. On Tuesday, Feb. 4 at 9 a.m. he will lecture in the Toronto General Hospital on "The Surgical Treatment of Basilar Aneurysms".

Law

Prof. Bora Laskin was elected a member of the National Academy of Arbitrators in November.

Prof. Edward McWhinney gave a John Bassett Moore lecture on Jan. 9 at the University of Virginia on the subject of "The Crisis of Orthodox (Classical) International Law, and the Accommodation

of the Contending Systems of World Order". The address was given under the auspices jointly of the Woodrow Wilson School of Foreign Affairs and of the Faculty of Law, University of Virginia.

Prof. J. B. Milner attended the annual meeting of the Association of American Law Schools in Los Angeles on Dec. 28–30 as a member of the Special Committee on Canadian-American Co-operation. Prof. Milner lectured at Carleton University on "The Cost of Municipal Services" on Dec. 5 in a series on Community Planning.

During the summer of 1963 Prof. John Willis conducted an inquiry and wrote a report on "Education of Town Planners in Canada" for the information of Central Mortgage and Housing Corporation, the Town Planning Institute of Canada and the five University planning schools.

Applied Science and Engineering

Prof. J. W. Abrams attended the meetings of the History of Science Society and the Society for the History of Technology in Philadelphia, Dec. 26–30.

Mr. S. J. G. Bird will attend Purdue University for the spring semester to take courses in air photo interpretation.

Mr. R. C. Gunn, on leave of absence at Ohio State University, will present a series of lectures on "Electronic Surveying" at the 1964 Summer Institute in Geometronics, Purdue University, June 15 to August 7.

Prof. J. W. Smith has been appointed to the executive committee of the Toronto Section of the Chemical Institute of Canada, as chairman of the Student Liaison Committee.

Profs. R. E. Jervis and D. G. Andrews attended a symposium on "Radioisotopes in the Life Sciences" sponsored by the American Nuclear Society and other bodies, held at Buffalo on Dec. 11.

Prof. N. F. Moody has recently agreed to serve as chairman of the Electronic Component Research and Development Committee for two years, commencing Jan. 1. Prof. Moody has been appointed a member of the Electrical Techniques in Medicine and Biology Committee of the Institute of Electrical and Electronics Engineers.

Dr. G. N. Patterson attended a meeting of a research policy committee of the National Aeronautics and Space Administration held on Jan. 16–17 at Ames Research Center, Moffet Field, California; he also visited the University of California.

Education

Prof. George E. Flower addressed the York Township Teachers' Institute Nov. 1 on "Toward More Effective Communication", and Physical and Health Education Teachers of Etobicoke on Jan. 15 on "Hard Education in a Soft Society".

Prof. R. D. Phillips addressed the American Technical Education Association on the subject "Technology and Technical Teacher Education", in Atlantic City, on Dec. 9.

Forestry

Dr. C. C. Heimburger, Research Branch, Ontario Department of Lands and Forests was guest lecturer at the Faculty on Jan. 6. His lecture was entitled "Forest Tree Breeding" and was an account of his recent European tour.

Profs Hosie, Love, and Armson attended the annual meeting of the Ontario Professional Foresters Association held in North Bay on Jan. 17. Prof. Armson participated in a forum entitled "The Progress of Forestry in Ontario in the Post-War Period".

Music

Prof. Oskar Morawetz' *Overture to a Fairy Tale* was performed in December by the Toronto Symphony Orchestra under Walter Susskind in Massey Hall, and in several American centres. At the same time it had a performance in Czechoslovakia under Charles Mackerras. The conductor of the Minneapolis Orchestra, Stanislaw Skrowaczewski has programmed in January Prof. Morawetz' *Piano Concerto* in Minneapolis with Anton Kuerti as soloist. Mr. Kuerti will play the same work also on the CBC on Feb. 2.

Divertimento No. 3 for Bassoon and String Orchestra by John Weinzweig has been published by Leeds Music (Canada).

Dentistry

Under the extramural lecture plan Dr. J. D. Purves will speak to the Halton-Peel Dental Association in Port Credit on Feb. 6; Dr. W. D. MacKay will speak to the Niagara District Dental Association in St. Catharines on Feb. 14; and Dr. H. G. Poyton will address the Ottawa Dental Society on Feb. 17.

Drs. R. G. Ellis and K. J. Paynter will attend the Council on Education of the Canadian Dental Association on Feb. 6 and 7.

Architecture

The Association of Collegiate Schools of Architecture (U.S.A.) Committee for the Advancement of Architectural Education, under the chairmanship of Mr. Walter Netsch of Chicago, met in the School on Nov. 29.

The Royal Commission on Architectural Education in the Province of Quebec, under the chairmanship of Prof. Lamontagne, Dean of the Faculty of Letters, Laval University, spent a day at the School of Architecture on Oct. 10 studying our educational program.

Dr. Thomas Howarth was present at the opening of the new School of Architecture building at Yale University on Nov. 9; on Nov. 12 he lectured at the Ontario College of Art on the subject "The Architecture of a Nation"; and on Nov. 21 attended in Washington a meeting of the Programme Committee on the 1964 Cranbrook Academy Seminar on Architectural Education.

Prof. J. H. Acland addressed the Montreal Society of Architects, Oct. 28, on "The City and the Sea", a study of Maritime towns; on Oct. 30 he spoke to the McGill Architectural Undergraduate Society on "Eighteenth Century Fortifications in Canada." Prof. Acland spent Christmas vacation studying the Mayan sites in Yucatan.

Prof. Eric Arthur attended meetings in Charlottetown in his capacity as chairman of the Art Selection Committee of the Fathers of Confederation Memorial Building.

Social Work

Prof. M. Doolan has been named a member of the Board of Directors of the Catholic Rehabilitation Service, and chairman of the Case Work Standards Committee.

Prof. A. J. Byles acted as consultant to the Registered Nurses' Association of Ontario in planning and conducting the first Conference on Nursing for Staff Nurses held in Toronto, Dec. 2–6.

Dr. T. Grygier gave a series of lectures on "The Offender" at McMaster University. Dr. Grygier has been appointed associate editor of the *Canadian of Corrections (La Revue Canadienne de Criminologie)*, and member of the Scientific Committee of the American Society of Criminology.

Dr. B. Schlesinger has been appointed Canadian representative to an International Conference on "Problem Families" to be held in Paris by UNESCO in February. He has edited a book on "Family Life in World Perspective" to be published by Prentice Hall in 1964. Dr. Schlesinger attended a Canadian Conference on the Multi-Problem Family sponsored by the Laidlaw Foundation in the Muskoka area.

Prof. A. J. O. Farina served as consultant to the Women's College Hospital, Psychiatric Section on Group Processes. He gave an extension lecture on "Leisure Services" at McMaster University on Dec. 3; and on Dec. 30 was speaker at Toc Alpha Provincial Conference on " The Use and Abuse of Leisure". On Nov. 6, Prof. Farina addressed the National Council of the YWCA on "Current Issues Facing the YWCA".

Hygiene

Prof. G. H. Beaton has been appointed an associate editor of the new *Canadian Journal of Physiology and Pharmacology.*

Dr. John R. Brown attended the 14th International Congress on Occupational Health at Madrid, Spain, last September and presented a paper entitled "The Toxicity of Catalytically Active Zinc Oxides".

Business

Prof. J. H. G. Crispo gave an address on "Manpower Training and Development Principles" to the Research Seminar sponsored by the Industrial Relations Center at McGill University on Dec. 11. He also attended the annual meetings of the Industrial Relations Research Association in Boston, Dec. 26–28.

Computer Science

Prof. T. E. Hull gave a seminar in the Department of Mathematics at Queen's University on "The Numerical Integration of Ordinary Differential Equations" on Dec. 13.

Royal Ontario Museum

Dr. W. E. Swinton was a guest of the American Association for the Advancement of Science at the 130th meeting of the Association, held from Dec. 26 to 30 at Cleveland, Ohio. He also represented the British Association for the Advancement of Science.

Dr. A. D. Tushingham attended the meetings of the Archaeological Institute of

America at Pittsburgh and the meeting of the Trustees of the American Schools of Oriental Research in New York, Dec. 27–Jan. 2. On Jan. 13 he presided at a meeting of the Council of the Canadian Museums Association in Montreal and from Jan. 14 to 23 was in Washington attending Council meetings of the American Association of Museums and representing the Museum at the dedication of the Smithsonian Institution's Museum of History and Technology. Dr. Tushingham also had discussions on archaeological matters with personnel of the Smithsonian Institution, Dumbarton Oaks, the American Foundation for the Study of Man, the Islamic Archives and the National Geographic Magazine.

Mr. Kenneth E. Kidd has been appointed a consultant on The Committee of Consultants of the American Museum of Marine Archaeology at Orlando, Florida.

Dr. E. S. Rogers spent from Nov 11 to Dec. 20 collecting ethnological material in India, principally in the Nilgiris-Wynad area which contains groups of peoples of diverse background and culture.

Dr. E. J. Crossman attended the meetings of the Canadian Committee on Freshwater Fisheries Research and the Canadian Society of Wildlife and Fishery Biologists in Ottawa Jan. 3–4. He was elected chairman of the former group and reappointed editor of the latter organization, and chaired a joint session on Predation.

Messrs. T. M. Shortt and A. Gatti have recently returned from an extended expedition to South India where they collected specimens and background materials for a natural habitat group depicting the flora and fauna of the region. The party secured a large number of colour transparencies as well as considerable footage of 16 mm. film. The expedition was made possible by the generous support of Brooke Bond Canada Limited.

The Press

The following have been published by the Press since the January issue of the *Bulletin*:

The Central Truth: The Incarnation in Browning's Poetry. By William Whitla. $5.00

Studies in Analytical Geochemistry. (Royal Society of Canada Special Publications No. 6.) Edited by Denis M. Shaw. $5.95

The Language of Politics in the Age of Wilkes and Burke. (Studies in Political History.) By James T. Boulton. $6.75

Henry Céard: idéaliste détrompé. (University of Toronto Romance Series No. 5.) By Ronald Frazee. $4.50

Land and Power: British and Allied Policy on Germany's Frontiers, 1916–1919. (Studies in Political History.) By Harold I. Nelson. $8.25

Studies in Siberian Shamanism. (Anthropology of the North: Translations from Russian Sources, No. 4.) Edited by Henry N. Michael. $3.25

Early Life in Upper Canada. By Edwin C. Guillet. $20.00

Proceedings of the Third World Congress of Psychiatry: Volume III, Panel Discussions. Edited by R. A. Cleghorn. $12.50

Toronto Legal Directory. Edited by J. C. Jones and J. E. McDonough. $4.00

Count Frontenac. (Canadian University Paperbooks No. 21.) By William D. LeSueur. $2.50

Chou China. (Archaeology in China, Volume 3). By Chêng Tê-k'un. $17.50.

Representative and Responsible Government: An Essay on the British Constitution. By A. H. Birch. $5.00

Other Books

Discipline and Child Guidance. By K. S. Bernhardt. McGraw Hill.

Appointments

Dr. W. E. Beckel has been appointed Dean of Science and Professor of Zoology at Scarborough College, effective immediately. This is the first academic appointment to the College. Dr. Beckel has been associate professor of Zoology at University of Toronto. He has taken a special interest in the general course in science since its inception, and also taught in the general course. Dr. Beckel's research is general arthropod physiology. He is now concentrating on electron microscopy of tissues under hormone control. He has published over 30 papers in scientific journals. A graduate of Queen's University and the State University of Iowa, Dr. Beckel earned his

doctorate at Cornell in 1955, and joined the staff here the following year.

Douglas R. Pullman has joined the Department of Sociology during the current year while on leave from the University of New Brunswick. He is continuing his study of economic change.

Miss Diana M. Priestly, formerly Lecturer and Law Librarian at the Faculty of Law, University of British Columbia, joined the Faculty of Law here as Assistant Professor and Law Librarian on Jan. 1.

Dr. E. Llewellyn Thomas has now joined the Institute of Bio-medical Electronics staff as a full-time member. He is also Associate Professor in the Department of Pharmacology, and was previously with the Ontario Hospital, New Toronto.

Prof. E. R. Langford has been appointed Assistant Secretary of the School of Hygiene. He will have special responsibilities for international students, refresher courses to professional health workers, and the coordination of the revised curricula for several of the graduate diploma courses offered in the School. Mrs. H. S. Musson, formerly Assistant Secretary, will continue as Secretary to the Director.

D. McCormack Smyth has been appointed Dean of the Joseph E. Atkinson College, York University. He joined York as Assistant to the President and Lecturer in Political Science in 1962. During 1960–62 he was a Fellow of Churchill College, Cambridge. Previously Dean Smyth was Assistant Registrar and Director of Admissions at Toronto.

John J. Conway, formerly Master of Leverett House, Harvard University, will join the staff of York University as Professor of Humanities and Master-Elect of a new college on York's new campus, to open in 1965. Dr. Conway received his B.A. degree from the University of British Columbia. After completing his studies in law in 1939, he joined the Canadian Army and served overseas. He earned his Ph.D. in History from Harvard, and joined the teaching staff there in 1954. For ten years he was Allston Burr Senior Tutor of Eliot House. He is spending this year at All Soul's College, Oxford.

Prof. R. F. Aldwinckle of McMaster University is lecturing as Visiting Professor in the Toronto Graduate School of Theological Studies.

Miss Eleanor Feely, who has been Acting Head Librarian, has now been appointed Head Librarian of the Royal Ontario Museum Library.

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